

Title (en)
Hood-type industrial dishwasher

Title (de)
Gewerblicher Haubengeschrirrspülmaschine

Title (fr)
Machine industrielle à laver la vaisselle de type capot

Publication
EP 2314194 A1 20110427 (EN)

Application
EP 09425425 A 20091023

Priority
EP 09425425 A 20091023

Abstract (en)
In a hood-type industrial dishwasher including a hood (1) mounted on vertical guides arranged on the rear wall of the stationary lower part of said dishwasher, so as to slide vertically along the guides with the help of balancing springs (8) suitable to limit the hood opening/closing effort, the guides are telescopic guides (3) including sliding parts (2) on which the hood (1) is secured. The movement of the sliding parts (2) is driven by cables (4) on which the balancing springs (8) act through mobile pulleys (6) arranged on plates (7) that are mounted in a rotatable way on the dishwasher structure and drivable by a piston (10), the whole hood moving mechanism being arranged on the back of the dishwasher. In this way, it is possible to dispense with the bulky and potentially dangerous lateral levers and springs of conventional hood-type dishwashers by achieving the hood moving through a mechanism fully arranged on the back of the machine. This results in a smaller width of the dishwasher, an increased safety and a great easiness of the external cleaning operations.

IPC 8 full level
A47L 15/42 (2006.01)

CPC (source: EP)
A47L 15/0081 (2013.01)

Citation (search report)
• [E] EP 2165636 A1 20100324 - BONFERRARO SPA [IT]
• [A] EP 1203864 A2 20020508 - WINTERHALTER GASTRONOM GMBH [DE]
• [A] EP 1842477 A1 20071010 - HOSHIZAKI ELECTRIC CO LTD [JP]
• [A] US 4811997 A 19890314 - SUYAMA KOJI [JP], et al

Cited by
CN104481330A; CN114129110A; CN113925426A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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